

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/809,176 A

Source: FWO

Date Processed by STIC: 12/1/04

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 12/01/2004

PATENT APPLICATION: US/10/809,176A

TIME: 15:19:58

Input Set : A:\2003-002-FF-US-sq.txt

Output Set: N:\CRF4\12012004\J809176A.raw

3 <110> APPLICANT: AKZO Nobel NV

5 <120> TITLE OF INVENTION: An infectious bursal disease virus (IBDV) mutant expressing
virus

6 neutralising epitopes specific for classic- and variant IBDV

7 strains

9 <130> FILE REFERENCE: 2003-002-FF-US

C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/809,176A

C--> 11 <141> CURRENT FILING DATE: 2004-03-24

11 <160> NUMBER OF SEQ ID NOS: 37

13 <170> SOFTWARE: PatentIn version 3.2

15 <210> SEQ ID NO: 1

16 <211> LENGTH: 6

17 <212> TYPE: PRT

18 <213> ORGANISM: Artificial

20 <220> FEATURE:

21 <223> OTHER INFORMATION: Mutant of classic IBDV

23 <400> SEQUENCE: 1

25 Gly Gly Gln Ala Gly Asp

26 1 5

29 <210> SEQ ID NO: 2

30 <211> LENGTH: 6

31 <212> TYPE: PRT

32 <213> ORGANISM: Artificial

34 <220> FEATURE:

35 <223> OTHER INFORMATION: Mutant of classic IBDV

37 <400> SEQUENCE: 2

39 Gly Gly Gln Ala Gly Glu

40 1 5

43 <210> SEQ ID NO: 3

44 <211> LENGTH: 6

45 <212> TYPE: PRT

46 <213> ORGANISM: Artificial

48 <220> FEATURE:

49 <223> OTHER INFORMATION: Mutant of classic IBDV

51 <400> SEQUENCE: 3

53 Asp Gly Gln Ala Gly Asp

54 1 5

57 <210> SEQ ID NO: 4

58 <211> LENGTH: 6

59 <212> TYPE: PRT

60 <213> ORGANISM: Artificial

62 <220> FEATURE:

63 <223> OTHER INFORMATION: Mutant of classic IBDV

65 <400> SEQUENCE: 4

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68 1 5
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 6
73 <212> TYPE: PRT
74 <213> ORGANISM: Artificial
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Mutant of classic IBDV
79 <400> SEQUENCE: 5
81 Asn Gly Gln Ala Gly Glu
82 1 5
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 6
87 <212> TYPE: PRT
88 <213> ORGANISM: Artificial
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Mutant of classic IBDV
93 <400> SEQUENCE: 6
95 Gly Gly Gln Glu Gly Asp
96 1 5
99 <210> SEQ ID NO: 7
100 <211> LENGTH: 6
101 <212> TYPE: PRT
102 <213> ORGANISM: Artificial
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Mutant of classic IBDV
107 <400> SEQUENCE: 7
109 Asp Gly Gln Glu Gly Asp
110 1 5
113 <210> SEQ ID NO: 8
114 <211> LENGTH: 6
115 <212> TYPE: PRT
116 <213> ORGANISM: Artificial
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Mutant of classic IBDV
121 <400> SEQUENCE: 8
123 Asn Gly Gln Glu Gly Asp
124 1 5
127 <210> SEQ ID NO: 9
128 <211> LENGTH: 6
129 <212> TYPE: PRT
130 <213> ORGANISM: Artificial
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Mutant of classic IBDV
135 <400> SEQUENCE: 9
137 Asn Gly Gln Glu Gly Glu
138 1 5
141 <210> SEQ ID NO: 10
142 <211> LENGTH: 6

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Input Set : A:\2003-002-FF-US-sq.txt

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143 <212> TYPE: PRT
144 <213> ORGANISM: Artificial
146 <220> FEATURE:
147 <223> OTHER INFORMATION: Mutant of classic IBDV
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152 1 5
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156 <211> LENGTH: 6
157 <212> TYPE: PRT
158 <213> ORGANISM: Artificial
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Mutant of classic IBDV
163 <400> SEQUENCE: 11
165 Gly Gly Gln Ala Gly Glu
166 1 5
169 <210> SEQ ID NO: 12
170 <211> LENGTH: 6
171 <212> TYPE: PRT
172 <213> ORGANISM: Artificial
174 <220> FEATURE:
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177 <400> SEQUENCE: 12
179 Asp Gly Gln Ala Gly Asp
180 1 5
183 <210> SEQ ID NO: 13
184 <211> LENGTH: 6
185 <212> TYPE: PRT
186 <213> ORGANISM: Artificial
188 <220> FEATURE:
189 <223> OTHER INFORMATION: mutant of pD78A
191 <400> SEQUENCE: 13
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194 1 5
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198 <211> LENGTH: 6
199 <212> TYPE: PRT
200 <213> ORGANISM: Artificial
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Mutant of classic IBDV
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208 1 5
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212 <211> LENGTH: 6
213 <212> TYPE: PRT
214 <213> ORGANISM: Artificial
216 <220> FEATURE:
217 <223> OTHER INFORMATION: Mutant of classic IBDV

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222 1 5
225 <210> SEQ ID NO: 16
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230 <220> FEATURE:
231 <223> OTHER INFORMATION: Mutant of classic IBDV
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236 1 5
239 <210> SEQ ID NO: 17
240 <211> LENGTH: 6
241 <212> TYPE: PRT
242 <213> ORGANISM: Artificial
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Mutant of classic IBDV
247 <400> SEQUENCE: 17
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250 1 5
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254 <211> LENGTH: 6
255 <212> TYPE: PRT
256 <213> ORGANISM: Artificial
258 <220> FEATURE:
259 <223> OTHER INFORMATION: Mutant of classic IBDV
261 <400> SEQUENCE: 18
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264 1 5
267 <210> SEQ ID NO: 19
268 <211> LENGTH: 31
269 <212> TYPE: PRT
270 <213> ORGANISM: Infectious bursal disease virus
272 <400> SEQUENCE: 19
274 Ser Asp Arg Pro Arg Val Tyr Thr Ile Thr Ala Ala Asp Asp Tyr Gln
275 1 5 10 15
278 Phe Ser Ser Gln Tyr Gln Pro Gly Gly Val Thr Ile Thr Leu Phe
279 20 25 30
282 <210> SEQ ID NO: 20
283 <211> LENGTH: 45
284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial
287 <220> FEATURE:
288 <223> OTHER INFORMATION: oligonucleotide for site-directed mutagenesis
290 <400> SEQUENCE: 20
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294 <210> SEQ ID NO: 21
295 <211> LENGTH: 45

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Input Set : A:\2003-002-FF-US-sq.txt

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296 <212> TYPE: DNA
297 <213> ORGANISM: Artificial
299 <220> FEATURE:
300 <223> OTHER INFORMATION: oligonucleotide for site-directed mutagenesis
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306 <210> SEQ ID NO: 22
307 <211> LENGTH: 45
308 <212> TYPE: DNA
309 <213> ORGANISM: Artificial
311 <220> FEATURE:
312 <223> OTHER INFORMATION: oligonucleotide for site-directed mutagenesis
314 <400> SEQUENCE: 22
315 gaccatgaca tctgatcccc ttcttgaccg tcacttttgg aggtc 45
318 <210> SEQ ID NO: 23
319 <211> LENGTH: 45
320 <212> TYPE: DNA
321 <213> ORGANISM: Artificial
323 <220> FEATURE:
324 <223> OTHER INFORMATION: oligonucleotide for site-directed mutagenesis
326 <400> SEQUENCE: 23
327 gaccatgaca tctgttcccc ttcttgaccg tcacttttgg aggtc 45
330 <210> SEQ ID NO: 24
331 <211> LENGTH: 45
332 <212> TYPE: DNA
333 <213> ORGANISM: Artificial
335 <220> FEATURE:
336 <223> OTHER INFORMATION: oligonucleotide for site-directed mutagenesis
338 <400> SEQUENCE: 24
339 gaccatgaca tctgttcccc tgcctgacca ccacttttgg aggtc 45
342 <210> SEQ ID NO: 25
343 <211> LENGTH: 45
344 <212> TYPE: DNA
345 <213> ORGANISM: Artificial
347 <220> FEATURE:
348 <223> OTHER INFORMATION: oligonucleotide for site-directed mutagenesis
350 <400> SEQUENCE: 25
351 gaccatgaca tctgatcccc ttcttgacca ccacttttgg aggtc 45
354 <210> SEQ ID NO: 26
355 <211> LENGTH: 45
356 <212> TYPE: DNA
357 <213> ORGANISM: Artificial
359 <220> FEATURE:
360 <223> OTHER INFORMATION: oligonucleotide for site-directed mutagenesis
362 <400> SEQUENCE: 26
363 gaccatgaca tctgttcccc ttcttgacca ccacttttgg aggtc 45
366 <210> SEQ ID NO: 27
367 <211> LENGTH: 45
368 <212> TYPE: DNA

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 12/01/2004
PATENT APPLICATION: US/10/809,176A TIME: 15:19:59

Input Set : A:\2003-002-FF-US-sq.txt
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,20,21,22,23,24,25,26,27,28
Seq#:29,30,31,32,33,34,35

VERIFICATION SUMMARY

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Input Set : A:\2003-002-FF-US-sq.txt

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L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date